I st Bill

M. A. R. 57 (Rule 116) No. E 491423

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work : Maintainance of public Toilets in ward No.12 Shettyhalli.						
	Est cost :-						
	Jobcode :-	012: 20: 000075					
	AS NO :	EE/DD/AS/153/2020-21 dt: 17/11/20.					
	TS NO :	EE/DD/TS/37/2020-21 dt 17/11/20.					
	Work order :	EE/DD/WO/183/2020-21 dt 09/02/21.					

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	① Earth work Excavation for foundation of building water supply, and Electrical conduits either in pits or in trenches 15cm and above in width, in ordinary soil not exceeding 1.5 mt in depth, complete as per specification.						C Book Journal
	Qty vide recorded in this M.B Page No. 491496 & item no. 1 :					70.07	
10/11/21 Kyaccejan 10/11/121	Qty limited to					69.84	
					@	425.00	29682.00
	2) P/L in position P.C.C 1:4:8 with 40mm down size graded granite metal coarse aggregates laid in layers						

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No. E 491424

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	not exceeding 15 cms thick, well Compacted complete as per Specifications.						
	Qty vide recorded in the MB						
	Pg No. 491497 & item No. 2					1.87	
12/11/21 Kyaccejan 12/11/21	Qty limited to –					1.75 Cum	
					@	5002.00	8753.50
	3) P/C granite / trap / basalt Size Stone masonry in foundation with C.M 1:6 Complete as per Specification.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Qty vide recorded in this M.B pg No. 491498 & item No. 3					= 2.93	
	Qty limited to					= 2.66 Cum	
						@ 4385.00 = 11,664.10	
4)	P/c granite/trap/basalt Size Stone masonry in basement with CM 1:6 complete as per specifications.						
	Long walls	2	2.00	0.45	0.45	0.81	
	Short walls	2	1.25	0.45	0.45	0.51	
						1.32 Cum	
						@ 5083.00 = 6690.50	

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Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
5)	Filling available excavated earth in sides of foundations up to plinth in layers not exceeding 20 cms in depth and up to 1.5 mtrs complete as per Specifications.						
	Qty vide recorded in the M.B pg No. 491498 & item No. 5					70.07	
	Qty limited to					= 69.84 Cum	
						@ 175.00 = 12222.00	
6)	P/L Cement Concrete using 20 mm & down size granite						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and fine aggregate RHC M20 for Rcc works laid in 15 cm thick & well compacted Complete as per Specifications.						
	Plinth LW	2	2.00	0.45	0.20	0.36	18/11/21
	Short walls	2	1.25	0.45	0.45	[illegible]	Cum
	Lintel LW	2	2.00	0.15	0.15	0.09	
	SW	1	1.25	0.15	0.15	0.03	
	Roof	1	2.00	2.30	0.15	0.69	31/12/21
	Kyseccion			Total Qty		1.67	
				Qty limited to		1.14	cum
				@		5025.00	5728.50

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No. E 491426

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) PIC load bearing wall with 400x150x150mm Solid Concrete blocks having block density not less than 1800kg/m3 with CM 1:4. complete as per Specifications.						
	Lintel LW	2	2.00	-	2.75	11.00	
	SW	2	1.25	-	2.75	6.88	
	PW	1	1.00	-	1.50	1.50	
	Deduction Door	-1	0.75	-	2.10	-1.58	
	Ventilator	-6	0.75	-	0.45	-2.03	
				Total Qty		15.78	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Qty limited to			15.66	Sqm
						@ 824.00 =	12903.84
8)	PL integral cement based waterproofing treatment including preparation of surfaces required for treatment & roofs. Complete as per specification.						
	Roof	1	2.00	2.30	-	4.60	
			Total Qty			4.60	
		Qty limited to				4.00	Sqm
						@ 950.00 =	3800.00

M. A. R. 57 (Rule 116)
Measurement Book

No. E 491427

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
9)	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling Complete as per specifications.						
	Ceiling	1	2.00	2.00	-	4.00	Sqm
			Total Qty			4.00	
		Qty limited to				2.25	Sqm
						@ 211.00 =	474.75
10)	Providing 20mm thick cement plaster in single coat with cement mortar 1:6, curing complete as per specifications.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Inside Lofted walls	2	2.00	-	2.75	11.00	
		2	1.50	-	2.00	6.00	
	Deductions door 0.50	-1	0.75	-	2.10	-0.79	
	Executed 24/12/21 24/12/21		Total Qty		=	16.21	
			Qty limited to		=	12.00	88m
					@	214.00 =	2568.00
11)	Providing 18mm thick Cement plaster with cement mortar 1:6 to brick Complete as per Specifications					in Single coat masonry	

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No. E 491428

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Out side walls	2	2.00	-	3.15	12.60	
		2	1.50	-	3.15	9.45	
	deductions door 0.50	-1	0.75	-	2.10	-0.79	
	Executed 26/12/21 26/12/21		Total Qty		=	21.26	
					@	205.00	
12)	PIF colour glazed tiles of size 300mm x 600mm for walls in Cement Mortar 1:3 & pointed with white Cement Complete as per Specifications.						

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ಕಿಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ
ದೇವನಹಳ್ಳಿ

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Flooring	1	2.00	-	1.00	2.00	
	Exceeded 28/12/21		Total Qty			2.00	
		Qty limited to			=	1.50	Sqm
					@	1202.00	= ~~1803.00~~
13)	providing, Skirting, dado, risers & Steps with colour glazed tiles in 10mm thick cement-plaster 1:3 & colour glazed tiles 30x60 cms 6mm thick with 'border' & size 30x10 cms. Tiles all round Complete as per Specification.	1	6.50	-	1.20	7.80	
		Total Qty				7.80	

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Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Exceeded 30/12/21	Qty limited to			=	7.00	Sqm
					@	1632.00	= 11424.00
14)	S/F pressed Steel doors, frames Size 125x65 mm manufactured from 1.25 mm thick Carbon Steel or imported Steel Strips with mitred joints & 900 for door opening & Shutter. Complete as per Specification. DOOR	1	0.75	-	2.10	1.58	
	Exceeded 02/01/22 02/04/22	Total Qty				1.58	
					@	3010.00	= 4740.75

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
15)	P/F cold Rolled prepainted Steel windows of IS Standards, made out of 0.6mm thick deep drawing Quality galvanized on both sides 120gms/sq.mtr. with 4mm float glass with gaurd bars. Complete as per Specification.						
	Ventilators Executed 02/01/22	6	0.75	-	0.45	2.03	
			Total Qty		:	2.03	
					@	5150.00	10428.75
16)	P/A two coats with Birla bound washable distemper of approved brand & Shade on wall surface including priming coat. Complete as per Specifications.						

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Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ventilators	Qty vide item No. 10			:	16.21	
		Total Qty			=	16.21	
	Executed 12/1/22	Qty limited to			=	14.25	Sqm
					@	110.00	1567.50
17)	P/F external walls in two coats with waliproof Cement paint of approved brand & Shade to give an even Shade after throughly Complet as per Specifications. with primer						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Kgccejcao 14/11/22 14/11/22	Qty	vide item	No. 11		21.26	—
			Total Qty			21.26	89m
					@	89.00 :	1892.36
18)	P/F white vitreous china clay, wall hung/set- Indian type (squatting pan) of size 580mm with foot-rests 100mm Complete as per Specifications. Kgccejcao 14/11/22	1	1.00	-	-	1.00	
						1.00	No
					@	3506.00 :	3506.00
19)	P/F white vitreous china clay, flat back, lipped flow-						

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ಲೆಕ್ಕಪತ್ರ ಉಪವಿಭಾಗ
ಐಐಎಂಬಿ, ಬೆಂಗಳೂರು

M. A. R. 57 (Rule 116)
Measurement Book

No. E 491431

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Urinal basin of 430 x 260 x 350 mm with 5 litres PVC automatic flushing cistern, C.I/M.S Complete as per Specification. Kgccejcao 14/11/22 14/11/22	1	1.00	-	-	1.00	
						1.00	No
					@	3072.00 :	3072.00
20)	P/F white vitreous china clay flat back wash basin size 630 x 450mm with a pair of 15mm C.P. brass pillals complete as per Specifications.						

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಲೆಕ್ಕಪತ್ರ ಉಪವಿಭಾಗ
ಐಐಎಂಬಿ, ಬೆಂಗಳೂರು

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Kscc/ESR/ 4/11/22	1	1.00	-	-	1.00	
						1.00	NO
						@ 4007.00	4007.00
	21) P/F Chorinated poly venyl chloride (C.PVC) pipes confirming -25mm nominal OD pipes						
	Kscc/ESR/ 19/12/21	1	20.00	-	-	20.00	
						20.00	mt-s
						@ 253.00	= 5060.00
	22) P/F Chorinated poly vanyl chloride (C.PVC) pipes confirmy to IS 15778, -20 mm nominal OD pipes.						

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Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Kscc/ESR/ 19/12/21	1	20.00	-	-	20.00	
						20.00	mt-s
						@ 205.00 =	4100.00
	23) providing & placing on terrace, polythene water storage tanks (for 1000 litre capacity) complete as per						
	Kscc/ESR/ 5/1/22	1	-	-	-	1.00	
						1.00	NO
						@ 6500.00	6500.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
24)	PLP in position brass bib Cock of approved quality conforming to nominal bore complete as per Specifications. Executed 5/11/22	2	-	-	-	2.00 2.00	Ato 8
					@	~~236.00~~ = 472.00	
25)	PLP Sand cast iron Soil waste & vent pipes 100 mm dia with Spun yarn Soaked in Cement- as per Specifications. Executed 5/11/22	1	-	-	-	1.00 1.00	Complete mt-1
					@	974 = 974.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 491433

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
26)	Earthwork in Surface excavation in ordinary Soil for levelling & lowering the ground as per the Specifications. Executed vide recorded in this M.B Pg. No. 491498 & item No. 5/11/22				=26=	18.00 18.00	Cum
					@	209.00 = 3762.00	
27)	PLP position to required level or slope 150mm internal diameter Salt glazed Stone ware pipes grade A & jointed						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	with Stiff mixture of cement- Complete as per Specifi						
	Executed 9/12/22	1	10.00	-	-	10.00	
						10.00 mtr	
						328.00	328.00
28)	Earthwork excavation for foundation of buildings, water Supply, Sanitary lines & electrical conduits either in pits or in trenches 1.5m in ordinary soil complete as per specifications.						
	Executed Qty vide recorded in the M.B Pg. No. 49						
	14 99 item No. 28 =					261.90 cum	
	@					181.00 =	47

M. A. R. 57 (Rule 116)
Measurement Book

No. E 491434

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
29)	P/F to wall ceiling & floor low density polythene pipes 6.00 kg/0/Sq cm working pressure 75mm outside diameter						
	Complete as per Specifications.						
	Pipeline from bore well	1	200.00	-	-	200.00	
	Repair for damaged pipe	1	285.00	-	-	285.00	
	Executed 9/12/22					485.00	
					@	195.00	945

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MEASUREMENT BOOK

Audited and admitted for Rs 37787=00
Passed by Cheque for Rs 35793=00
(.....
Serial No.....
Name of work.....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

M. A. R. 57 (Rule 116) No. E 491435
Measurement Book
Estimated cost Rs 27994=00 From ..... To .....
Exe. Engineer
Division

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
30.	Refilling available earth around pipe lines, Cables in layers not exceeding 20cms in depth, Completi as per Specifications.						
	Qty vide recorded in the M.B Pg-No. 491499 & Item No. 30					: 279.90 cum	
	Executed 10/1/22 10/1/22					279.90 @ 110.00	30789-00
	SUB TOTAL					:	338203.26
	GST 12%					:	40584.39
	GRAND TOTAL					:	37 8787

CERTIFICATE :-

1) Certified that the work is done satisfactorily

2) There are no departmental issues by BBMP.

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